PATENT
Attorney Docket No. 223280

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Yaniv Pessach

Group Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: October 10, 2003

For: A System and Method for Searching a Peer-to-Peer Network

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

☒ **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

☐ **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:

☐ the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).

or

☐ the fee of $180 set forth in 37 CFR 1.17(p) (see "Fees" below).

☐ **after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of $180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

☐ **after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of $180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

Copies of the References

☒ Copies of the references listed on the enclosed Form 1449 are enclosed herewith. Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).

☐ A copy of the foreign search report is enclosed herewith.

☐ The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status *(check one)*		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Statement under 37 CFR 1.97(e)

☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.

☐ The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement under 37 CFR 1.704(d)

☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees

☒ **No fee** is owed by the applicant(s).
☐ The **IDS Fee of $180** under 37 CFR 1.17(p) is enclosed herewith.

Method of Payment of Fees

☐ Attached is a check in the amount of $.
☐ Charge Deposit Account No. 12-1216 in the amount of $. (A duplicate copy of this communication is enclosed for that purpose.)

Authorization to Charge Additional Fees

☒ If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

In re Appln. of Yaniv Pessach
Application No. Unassigned

Instructions as to Overpayment

☒ Credit Account No. 12-1216.
☐ Refund

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Date: October 10, 2003

Please type a plus sign (+) inside this box → ⊞

Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Unassigned
				Filing Date	October 10, 2003
				First Named Inventor	Yaniv Pessach
				Group Art Unit	Unassigned
(Use as many sheets as necessary)				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	223280

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation Yes	Translation No*+
	AU	LEE, et al., "Intelligent Knowledge Discovery in Peer-to-Peer File Sharing", K. Kalpakis et al. (Eds.), *Proceedings of the 11th International Conference on Information and Knowledge Management*", CIKM 2002, pp. 308-315 (2002)		
	AV	LEGEDZA et al., "Using Network-level Support to Improve Cache Routing", Hamilton et al. (Ed.), *Computer Networks and ISDN Systems: The International Journal of computer and Telecommunications Networking*, Vol. 30, No. 22-23, pp.2193-2201 (1998)		
	AW	LINDEMANN et al., "A Distributed Search Service for Peer-to-Peer File Sharing in Mobile Applications", *Proceedings of the 2nd International Conference on Peer-to-Peer Computing*, pp. 73-80 (2002)		
	AX	LV et al., "Search and Replication in Unstructured Peer-to-Peer Networks", *Conference Proceedings of the 2002 International Conference on Supercomputing*", pp. 84-95 (2002)		
	AY	MASSIE, Dennis R., "RLG's ILL Manager: A Distributed Resource Sharing System for the New ISO ILL Environment Or, How I Learned to Stop Worrying and Love International Standards", *Journal of Interlibrary Loan, Document Delivery & Information Supply*, Vol. 11, No. 2, pp. 23-37 (2000)		
	AZ	MENASCE, Daniel A., "Scalable P2P Search", *IEEE Internet Computing*, pp. 83-87 (2003)		
	BA	MOHAN, et al., "Speculative Routing and Update Propagation: A *Kundali* Centric Approach", *IEEE*, pp. 343-347 (2003)		
	BB	PORTMANN et al., "Cost-Effective Broadcast for Fully Decentralized Peer-to-Peer Networks", *ScienceDirect – Computer Communications*, Vol. 23, pp. 1159-1167 (2003), printed www.sciencedirect.com on August 21, 2003		
	BC	REICH et al., "LOCKSS: A Permanent Web Publishing and Access System", *D-Lib Magazine*, Vol. 7, No. 6, 10 pgs (2001)		
	BD	RIPEANU et al., "A Decentralized, Adaptive Replica Location Mechanism", *IEEE*, pp. 24-32 (2002)		
	BE	SUNAGA et al., "Advanced Peer-to-Peer Network Platform for Various Services-SIONet (Semantic Information Oriented Network", *Proceedings of the Second International Conference on Peer-to-Peer Computing*, IEEE, pp. 169-170 (2002)		
	BF	WANG, et al., "BuddyWeb: A P2P-Based Collaborative Web Caching System", E. Gregori et al. (Eds.), *Networking 2002 Workshops, Lecture Notes in Compute Science* 2376, pp. 247-251 (2002)		
	BG	WATERHOUSE et al, "Distributed Search in P2P Networks", *IEEE Internet Computing*, Vol. 6, No. 1, ppl. 68-72 (2002)		
	BH	XIAO et al., "On Reliable and Scalable Peer-to-Peer Web Document Sharing", *Proceedings of the International Parallel and Distributed Processing Symposium*, IEEE, pp.23-30 (2002)		

Examiner Signature		Date Considered	

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

\+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plus sign (+) inside this box → +

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	Unassigned
Filing Date	October 10, 2003
First Named Inventor	Yaniv Pessach
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	223280

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document: Application or Patent Number	U.S. Patent Document: Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
	AA	5,675,782		Montague et al.	10/07/1997	
	AB	2002/0059425	A1	Belfiore et al.	05/16/2002	
	AC	2002/0138471	A1	Dutta et al.	09/26/2002	
	AD	2002/0143989	A1	Huitema et al.	10/03/2002	
	AE	2003/0055892	A1	Huitema et al.	03/20/2003	
	AF	2003/0056093	A1	Huitema et al.	03/20/2003	
	AG	2003/0056094	A1	Huitema et al.	03/20/2003	
	AH	2003/0147386	A1	Zhang et al.	08/07/2003	
	AI	2003/0152034	A1	Zhang et al.	08/14/2003	

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation: Yes	Translation: No*+
	AJ	ANDRZEJAK et al., "Scalable, Efficient Range Queries for Grid Information Services", *Proceedings of the 2nd International Conference on Peer-to-Peer Computing*, pp. 33-40 (2002)		
	AK	CLARKE et al., "Freenet: A Distributed Anonymous Information Storage and Retrieval System", H. Federrath (Ed.), *Anonymity 2000, Lecture Notes in Compute Science* 2009, pp. 46-66 (2001)		
	AL	HONG et al., "Dynamic Group Support in LANMAR Routing Ad Hoc Networks", *IEEE*, pp. 304-308 (2002)		
	AM	HOSCHEK, Wolfgang, "A Unified Peer-to-Peer Database Framework for Scalable Service and Resource Discovery", M. Parasher (Ed.), *GRIG 2002, Lecture Notes in Compute Science* 2536, pp. 126-144 (2002)		
	AN	ILES et al., "A Search for Routing Strategies in a Peer-to-Peer Network Using Genetic Programming", *IEEE*, pp. 341-346 (2002)		
	AO	JOHANSEN et al., "Improving Object Search Using Hints, Gossip and Supernodes", *IEEE*, pp. 336-340 (2002)		
	AP	JOSEPH et al., "Decentralized Meta-data Strategies: Effective Peer-to-Peer Search", *IEICE Transactions on Communication*, Vol. E86-B, No. 6, pp. 1740-1753 (2003)		
	AQ	JOSEPH, Sam, "NeuroGrid: Semantically Routing Queries in Peer-to-Peer Networks", E. Gregori et al. (Eds.), *Networking 2002 Workshops, Lecture Notes in Compute Science* 2376, pp. 202-214 (2002)		
	AR	KALOGERAKI, et al., "A Local Search Mechanism for Peer-to-Peer Networks", K. Kalpakis et al. (Eds.), *Proceedings of the 11th International Conference on Information and Knowledge Management*", CIKM 2002, pp. 300-307 (2002)		
	AS	KIM et al., "Partial Rollback in Object-Oriented/Object-Relational Database Management Systems", K. Kalpakis et al. (Eds.), *Proceedings of the 11th International Conference on Information and Knowledge Management*", CIKM 2002, pp. 316-323 (2002)		
	AT	KWON et al., "An Efficient Peer-to-Peer File Sharing Exploiting Hierarchy and Asymmetry", *IEEE*, pp. 226-233 (2003)		

Examiner Signature		Date Considered	

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